

FIG. 1

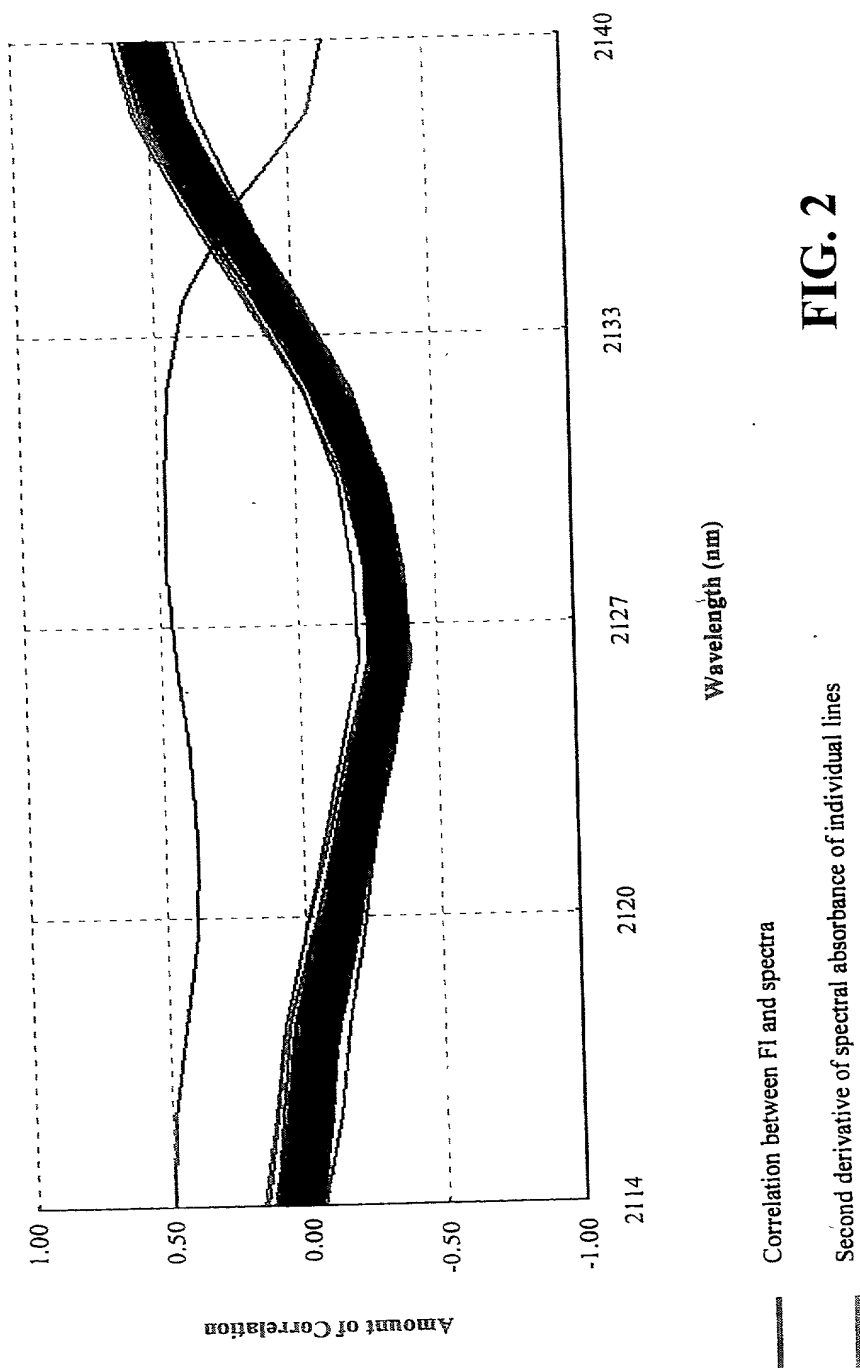


FIG. 2

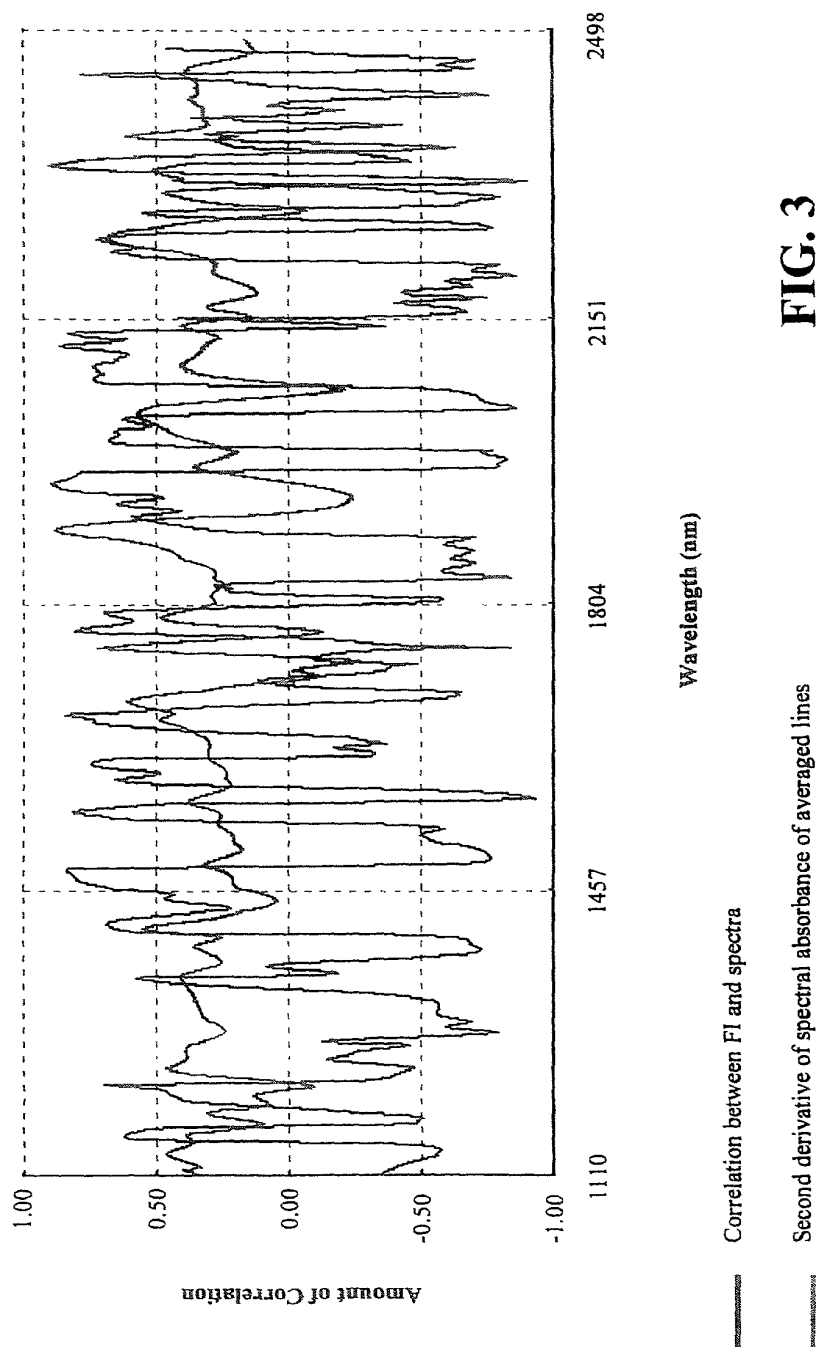
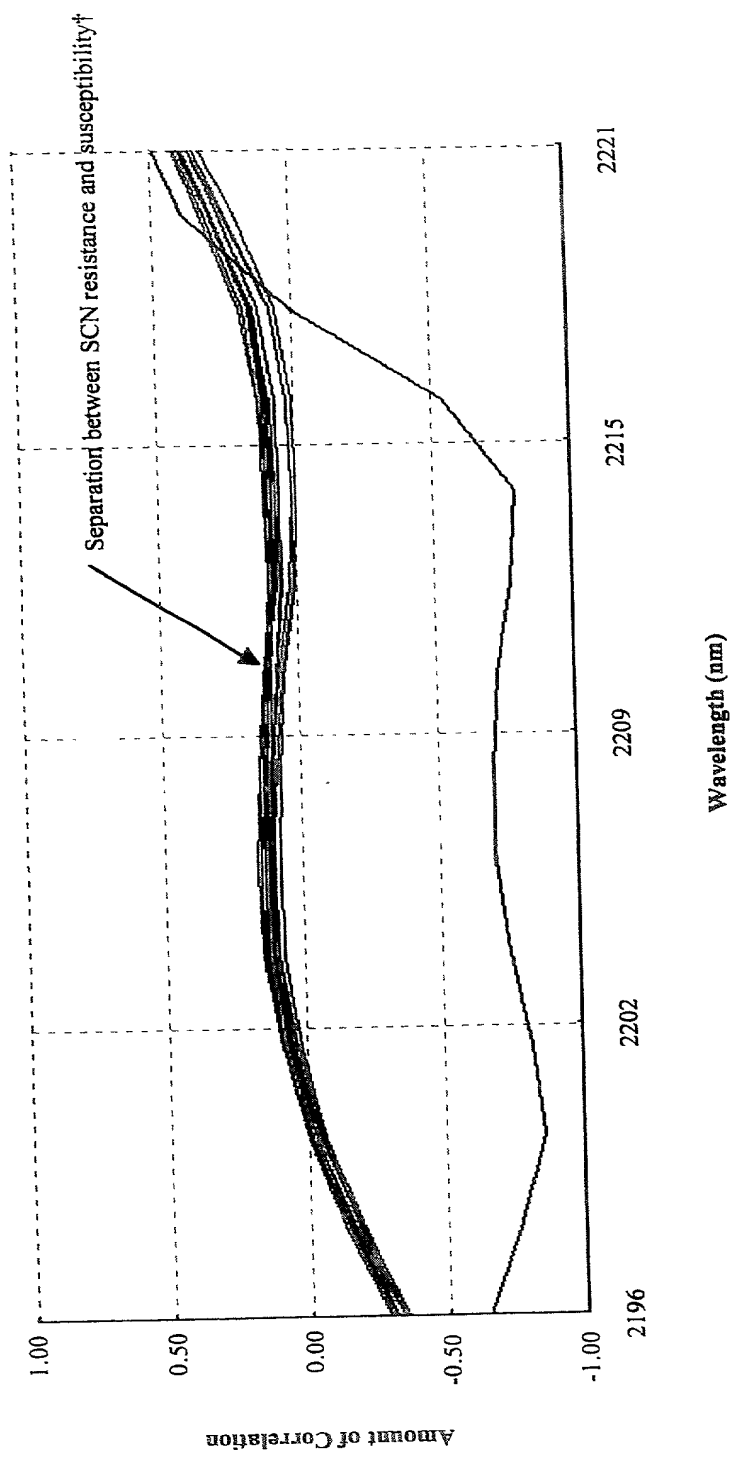


FIG. 3



Correlation between F1 and spectra

Second derivative of spectral absorbance of averaged lines

FIG. 4

† SCN resistant spectra are above the separation and SCN susceptible are below

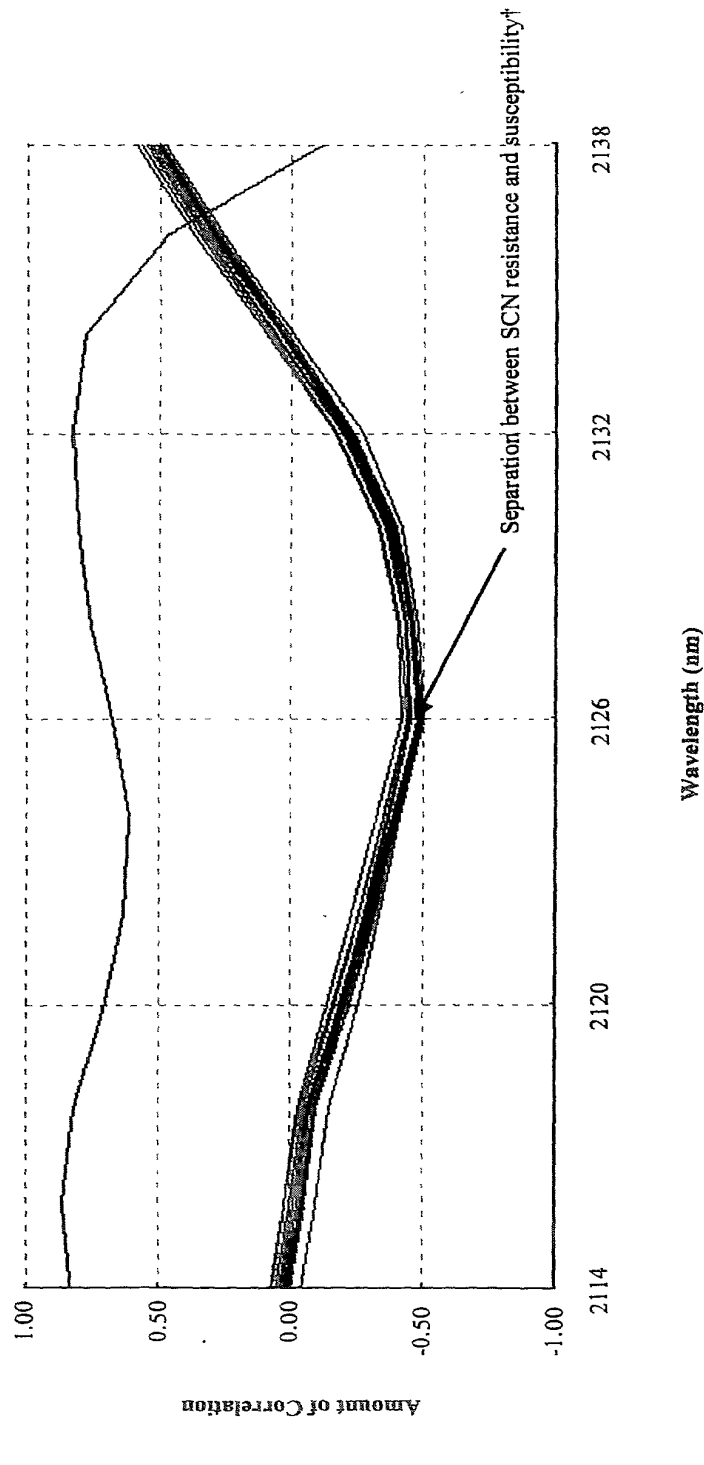
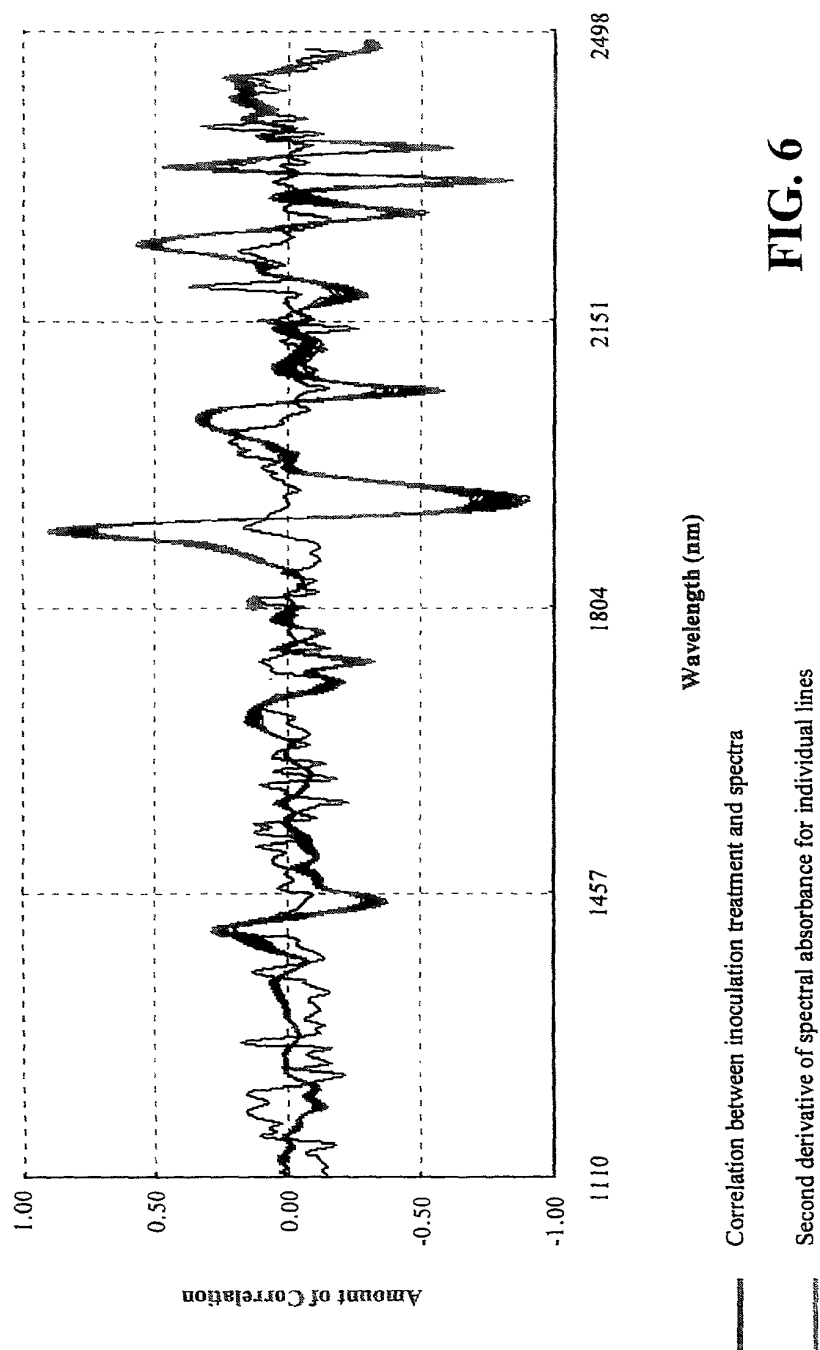


FIG. 5

† SCN resistant spectra are below the separation and SCN susceptible are above the separation

**FIG. 6**

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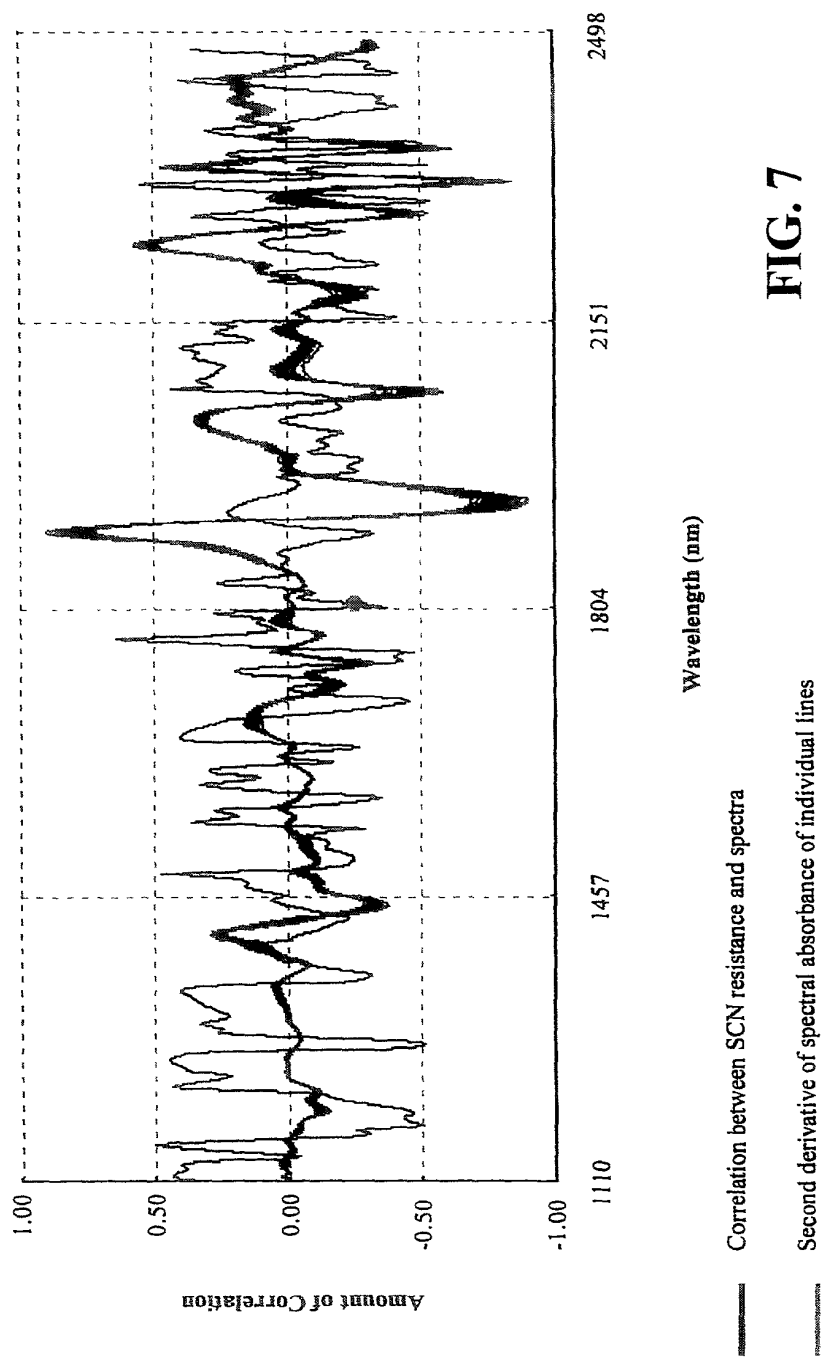


FIG. 7

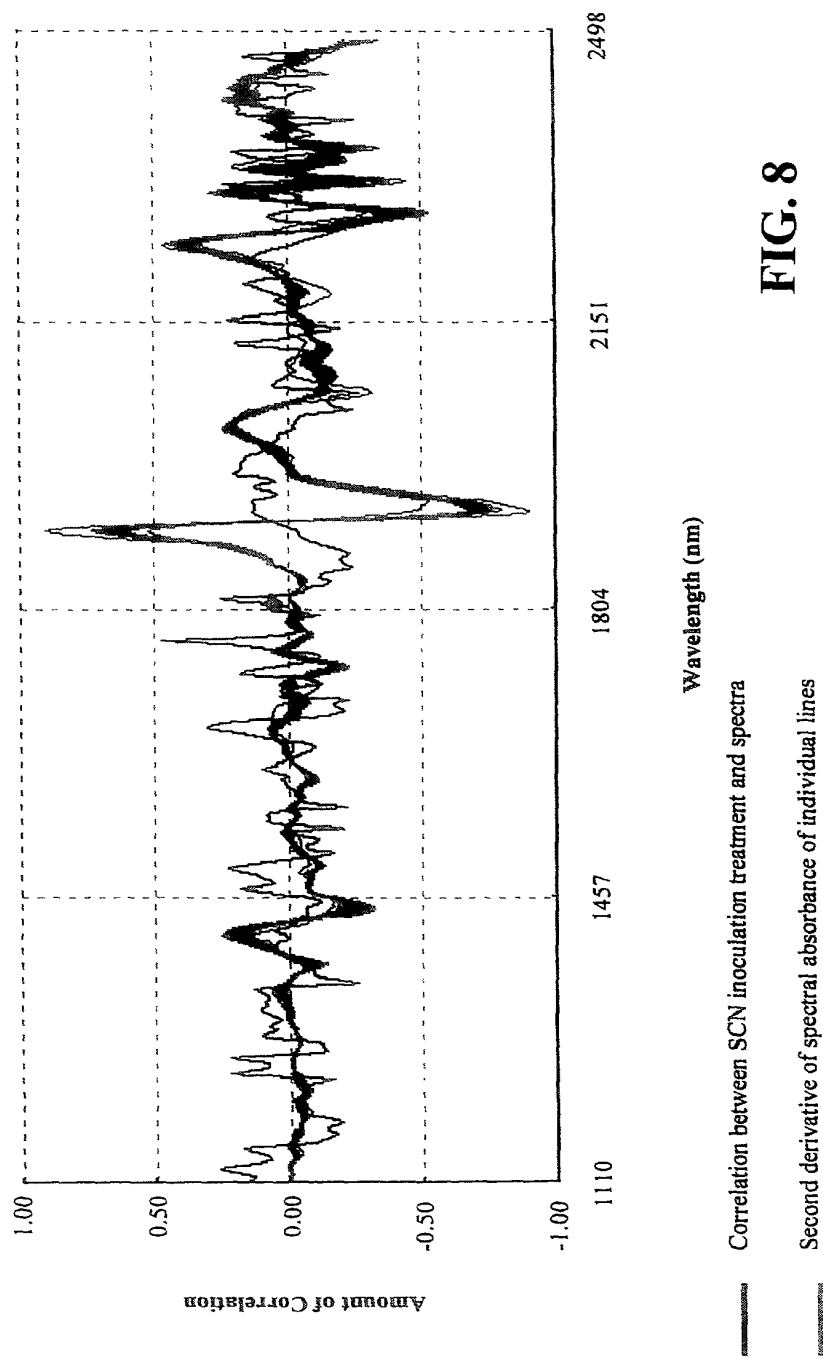
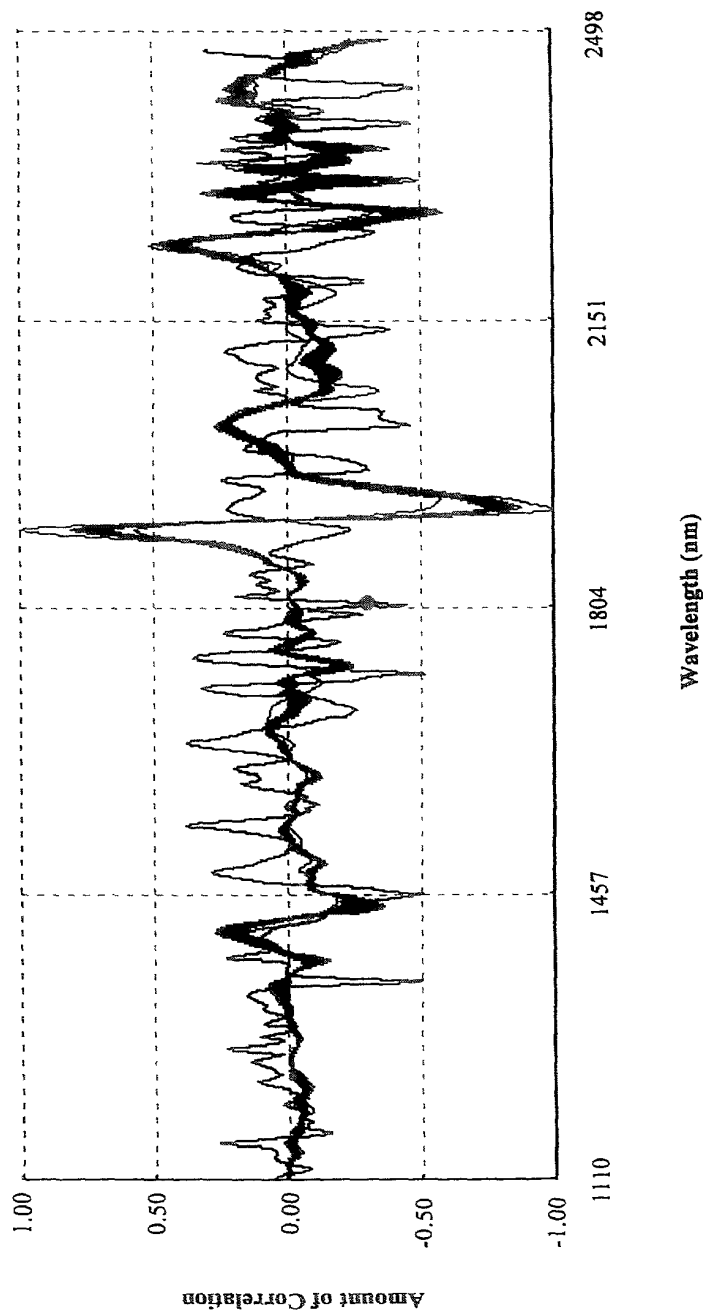


FIG. 8

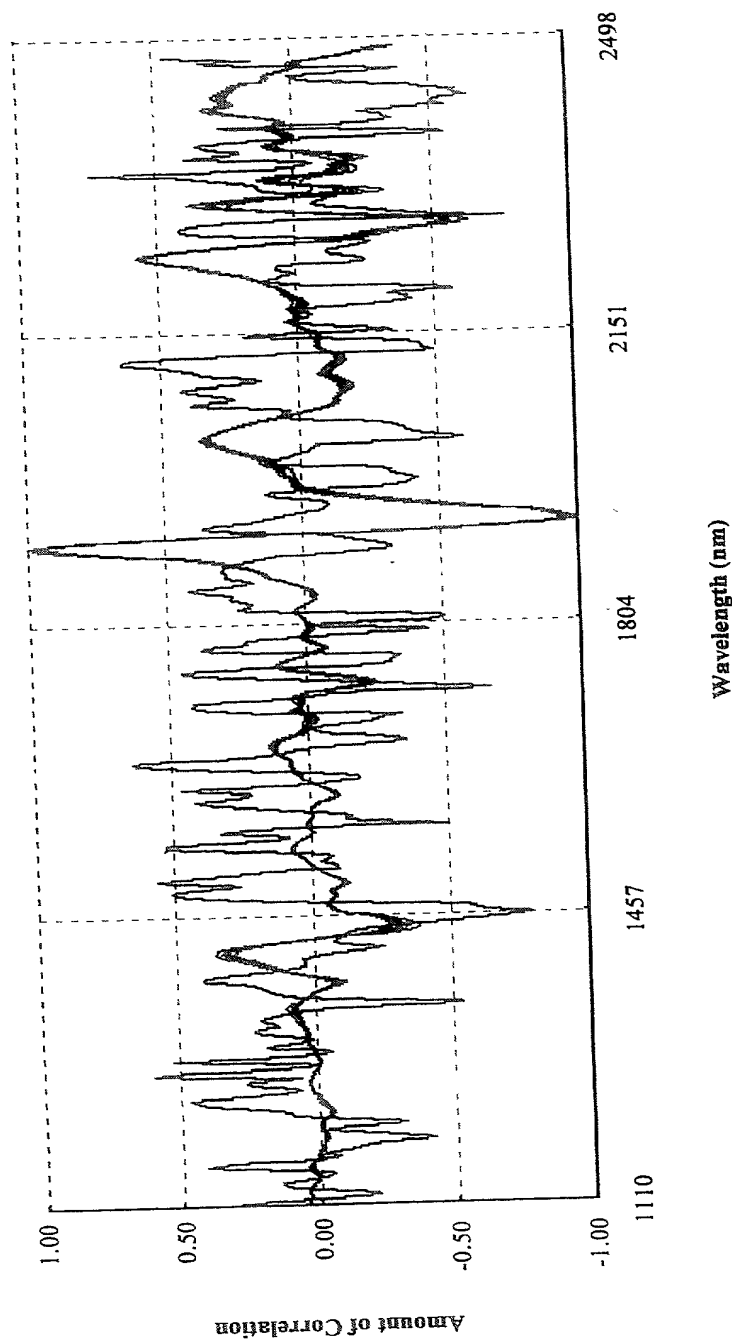
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Correlation between SCN resistance and spectra

Second derivative of spectral absorbance of individual lines

FIG. 9



Correlation between FI and spectra

Second derivative of spectral absorbance of averaged lines

FIG. 10

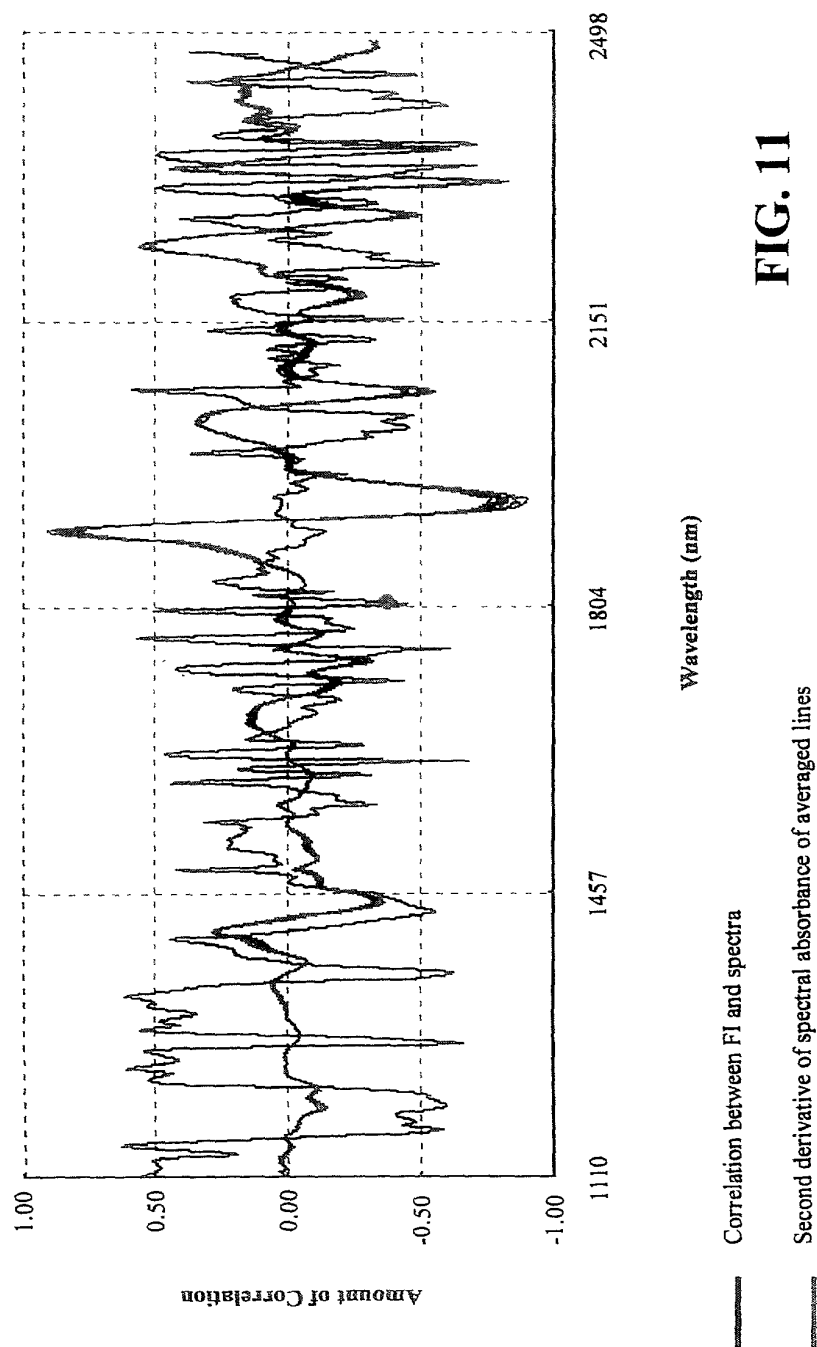


FIG. 11

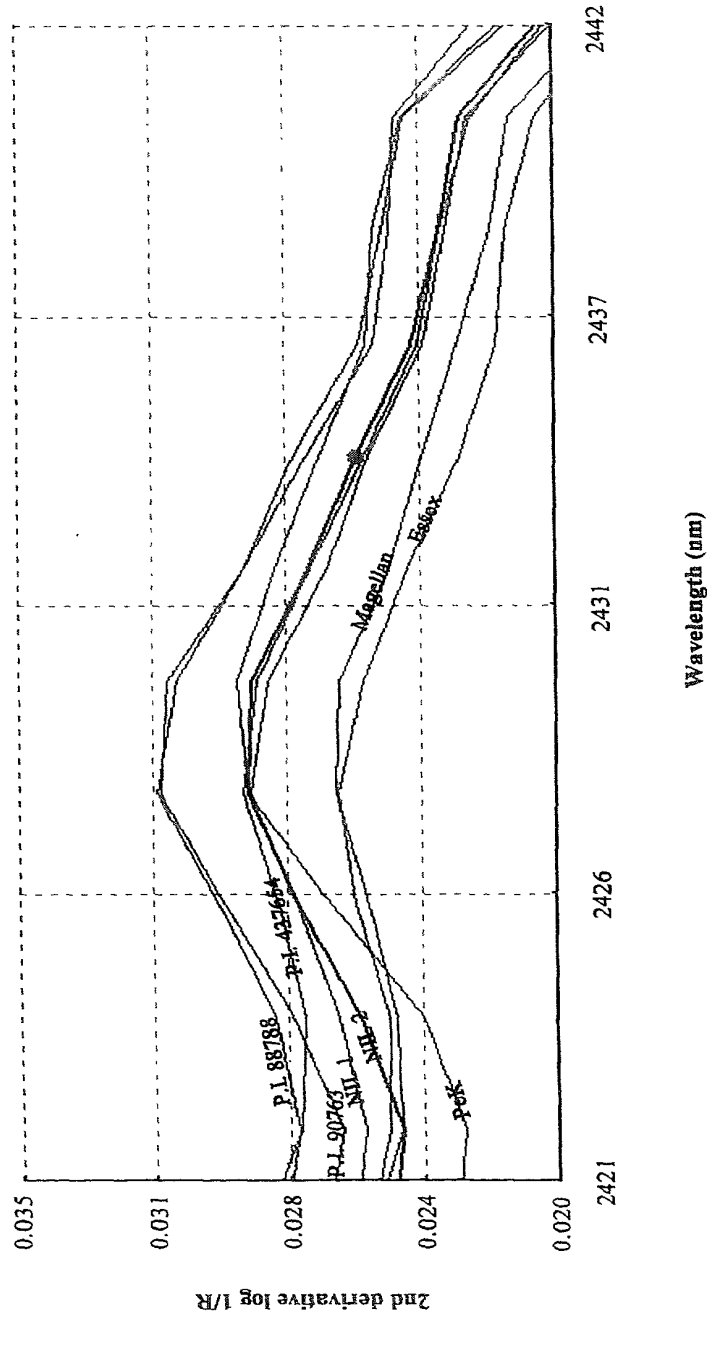


FIG. 12

Second derivative of spectral absorbance for NIL-2

Second derivative of spectral absorbance of individual lines